

Name of Work	Construction of RCC cover for												
BOQ-18	Supplying,fitting and placing TMT bar reinforcement in sub-structure complete as per drawing and technical specifications complete as per specitications. 1011 D&S FC 300 dia TMT bars used as per directed by the Engineer in charge of the work.												
SL No.	DESCRIPTION	Shape of Bar	Dia of Bar (mm)	Spacing (M)	Nos	Cut Length in (M)	Total Length in (M)						
							10	12	16	20	25	32	
	Ch :1330.00 to 1360.00m												
	U-shape Length = 30.00												
	Raft Bottom Bar		16	0.20	1	153	1	8.30	-	-	1,269.90	-	
	Raft Top Bar		16	0.125	1	243	1	7.70	-	-	1,871.10	-	
	Dirtribution		10	0.20	2	39	1	30.00	2,340.00	-	-	-	
	Inner Wall		12	0.20	2	154	1	3.45	1,062.60	-	-	-	
	Outer Wall		12	0.20	2	153	1	5.15	1,575.90	-	-	-	
	Haunch		10	0.20	2	154	1	1.50	462.00	-	-	-	
	Dirtribution		10	0.20	4	16	1	30.00	1,920.00	-	-	-	
	Chairs		12		1	90	1	1.50	-	135.00	-	-	
	U Bar		12		2	30	1	1.00	-	60.00	-	-	
Total Length (Rmt)								4,722.00	2,833.50	3,141.00	-	-	
Unit weight of bar								0.617	0.888	1.567	2.469	3.850	6.310
Total quantity in KG								2,913.470	2,516.150	4,921.950	-	-	-
10351.57 Sub quantity								10.35 Tonne					

19 P-12



Assistant Engineer
BBMP- SWD, Dasarahalli Zone
Bengaluru

Executive Engineer (SWD)
BBMP- SWD, Dasarahalli Zone
Bengaluru

Assistant Executive Engineer
BBMP- SWD, Dasarahalli Zone
Bengaluru

BRUHAT BENGALURU MAHANAGARA PALIKE

Name of the work :- Construction of RCC culvert & U Shape drain for secondary SWD drains near Divya engineering works at Kammagondanahalli in Ward No.12

Measurement recorded on 20/11/2018

S.N	Description	Unit	No.	L	B	D	Qty
13	KSRRB M 2100-17.2 : Plain/reinforcement Cement Concrete design mix M25 with OPC cement @340 kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70Cum and fine aggregates @0.47Cum with superplastisier @ 3lts confirming to IS9103-1999 Reaffirmed-2008, open foundation complete as per Drawing and Technical Specification with Batching plant, transit mixer and concrete pump. MORTH Specification No. 1500, 1700 & 2100 all leads and lifts as directed by the Engineer in charge of the work.						
	1330.00 to 1345.00		1	15.00	7.50	0.35	39.38
	1345.00 to 1360.00		1	15.00	7.50	0.35	39.38
						Total	78.75

PMC

SWD Dasarahalli Zone, BBMP.

GRW/20/11/2018
Assistant Engineer,

Assistant Executive Engineer,
SWD Dasarahalli Zone, BBMP.

Executive Engineer (SWD),
Dasarahalli Zone, BBMP.

S.N	Description	Unit	No.	L	B	D	Qty
14	KSRRB M 2200-5.12 : Design mix M25 sub structure with OPC cement @340kgs, with 20mm and down size graded granite metal coarse aggregates @0.7Cum and fine aggregates @0.47Cum with superplastisier @3lts confirming to IS9103-1999 Reaffirmed-2008 upto 5 mtrs. Upto 5 Mtrs height all leads and lifts as directed by the Engineer in charge of the work.(SR2018-19P227 /28.7.12)						
	1330.00 to 1345.00		2	15.00	0.30	2.75	24.75
	1345.00 to 1360.00		2	15.00	0.30	2.75	24.75
	Hanch		1	30.00	0.30	0.30	2.70
						Total	52.20



GRW/21/11/2018
Assistant Engineer,
SWD Dasarahalli Zone, BBMP.

Assistant Executive Engineer,
SWD Dasarahalli Zone, BBMP.

Executive Engineer (SWD),
Dasarahalli Zone, BBMP.

BRUHAT BENGALURU MAHANAGARA PALIKE							
Name of the work :- Construction of RCC culvert & U Shape drain for secondary SWD drains near Divya engineering works at Kammagondanahalli in Ward No.12							
Measurement recorded on 21/11/2018							
7	KSRRB M2100-2.1 Earth work in excavation for foundation of structures such as culverts, bridges etc., as per drawing and technical specifications, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material complete as per specifications in Ordinary soil - B. Mechanical Means (i) Depth upto 3m MORTH Specification No. 304 as directed by the Engineer in charge of the work.						
				Cum			
	1360.00 to 1375.00			1	15.00	8.90	230.96
	1375.00 to 1390.00			1	15.00	8.90	232.29
Total							463.25



GRW/21/11/2018
Assistant Engineer,
SWD Dasarahalli Zone, BBMP.

[Signature]
Assistant Executive Engineer,
SWD Dasarahalli Zone, BBMP.

Measurement recorded on 22/11/2018							
S.N	Description	Unit	No.	L	B	D	Qty
10	Providing and filling in foundation with Granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications as directed by the Engineer in charge of the work. (SR2018-19 P7/2.15)						
	1360.00 to 1375.00		1	15.00	8.00	0.30	36.00
	1375.00 to 1390.00		1	15.00	8.00	0.30	36.00
Total							72.00



GRW/22/11/18
Assistant Engineer,
SWD Dasarahalli Zone, BBMP.

[Signature]
Assistant Executive Engineer,
SWD Dasarahalli Zone, BBMP.

Measurement recorded on 22/11/2018							
S.N	Description	Unit	No.	L	B	D	Qty
12	KSRRB M2100-10 - Plain Cement Concrete M10 with OPC cement @ 220 kgs, with crushed 40mm and down size graded metal coarse aggregates @ 0.84 Cum and fine aggregates @ 0.56 Cum, in foundation mechanically mixed placed in foundation and compacted by vibration including curing for 14 days complete as per specifications MORTH Specification No.2100 all leads and lifts as directed by the Engineer in charge of the work. (SR2018-19 P222/27.18)						
	1360.00 to 1375.00		1	15.00	7.70	0.15	17.33
	1375.00 to 1390.00		1	15.00	7.70	0.15	17.33
Total							34.65



GRW/22/11/18
Assistant Engineer,
SWD Dasarahalli Zone, BBMP.

[Signature]
Assistant Executive Engineer,
SWD Dasarahalli Zone, BBMP.

Supplying, fitting and placing TMT bar reinforcement in sub-structure complete as per drawing and technical specifications complete as per specifications. TMT Bars Fe 500 all leads and lifts as directed by the Engineer in charge of the work.													
SL No.	DESCRIPTION	Shape of Bar	Dia of Bar (mm)	Spacing (M)	Nos		Cut Length in (M)	Total Length in (M)					
								10	12	16	20	25	32
	Ch : 1360.00 to 1390.00m												
	U-shape												
	Length = 30.00												
	Raft Bottom Bar		16	0.20	1	153	1	8.30					
	Raft Top Bar		16	0.125	1	243	1	7.70			1,269.90		
	Distribution		10	0.20	2	39	1	30.00	2,340.00		1,871.10		
	Inner Wall		12	0.20	2	154	1	3.45		1,062.60			
	Outer Wall		12	0.20	2	153	1	5.15		1,575.90			
	Haunch		10	0.20	2	154	1	1.50	462.00				
	Distribution		10	0.20	4	16	1	30.00	1,920.00				
	Chairs		12		1	90	1	1.50		135.00			
	U Bar		12		2	30	1	1.00		60.00			
	Total Length (Rmt)							4,722.00	2,833.50	3,141.00			
	Unit weight of bar							0.617	0.888	1.567	2.469	3.850	6.310
	Total quantity in KG							2,913.470	2,516.150	4,921.950			
	Sub quantity							10.35 Tonne					

10351.57

10351.57

Sub quantity

[Signature]
Assistant Executive Engineer
BBMP- SWD, Dasarahalli Zone
Bengaluru

[Signature] 24/11/2018
Assistant Engineer
BBMP- SWD, Dasarahalli Zone
Bengaluru

Executive Engineer (SWD)
BBMP- SWD, Dasarahalli Zone
Bengaluru



BRUHAT BENGALURU MAHANAGARA PALIKE

Name of the work :- Construction of RCC culvert & U Shape drain for secondary SWD drains near Divya engineering works at Kammagondanahalli in Ward No.12

Measurement recorded on 27/11/2018

S.N	Description	Unit	No.	L	B	D	Qty
13	KSRRB M 2100-17.2 : Plain/reinforcement Cement Concrete design mix M25 with OPC cement @340 kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70Cum and fine aggregates @0.47Cum with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, open foundation complete as per Drawing and Technical Specification with Batching plant, transit mixer and concrete pump. MORTH Specification No. 1500, 1700 & 2100 all leads and lifts as directed by the Engineer in charge of the work.						
	1360.00 to 1375.00		1	15.00	7.50	0.35	39.38
	1375.00 to 1390.00		1	15.00	7.50	0.35	39.38
						Total	78.75



G.R.N.W./27/11/2018
Assistant Engineer,
SWD Dasarahalli Zone, BBMP.

[Signature]
Assistant Executive Engineer,
SWD Dasarahalli Zone, BBMP.

[Signature]
Executive Engineer (SWD)
Dasarahalli Zone, BBMP

S.N	Description	Unit	No.	L	B	D	Qty
14	KSRRB M 2200-5.12 : Design mix M25 sub structure with OPC cement @340kgs, with 20mm and down size graded granite metal coarse aggregates @0.7Cum and fine aggregates @0.47Cum with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 upto 5 mtrs. Upto 5 Mtrs height all leads and lifts as directed by the Engineer in charge of the work.(SR2018-19P227 /28.7.12)						
	1360.00 to 1375.00		2	15.00	0.30	2.75	24.75
	1375.00 to 1390.00		2	15.00	0.30	2.75	24.75
	Hanch		1	30.00	0.30	0.30	2.70
						Total	52.20



G.R.N.W./27/11/2018
Assistant Engineer,
SWD Dasarahalli Zone, BBMP.

[Signature]
Assistant Executive Engineer,
SWD Dasarahalli Zone, BBMP.

[Signature]
Executive Engineer (SWD)
Dasarahalli Zone, BBMP

BRUHAT BENGALURU MAHANAGARA PALIKE								
Name of the work :- Construction of RCC culvert & U Shape drain for secondary SWD drains near Divya engineering works at Kammagondanahalli in Ward No.12								
Measurement recorded on 28/11/2018								
7	KSRRB M2100-2.1 Earth work in excavation for foundation of structures such as culverts, bridges etc., as per drawing and technical specifications,including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material complete as per specifications in Ordinary soil - B. Machanical Means (i) Depth upto 3m MORTH Specification No. 304 as directed by the Engineer in charge of the work.							
			Cum					
	1390.00 to 1405.00			1	15.00	8.90	1.76	234.96 ✓
	1405.00 to 1420.00			1	15.00	8.90	1.75	234.29 ✓
	Total							469.25 ✓



GRW/28/11/2018
Assistant Engineer,
SWD Dasarahalli Zone, BBMP.

[Signature]
Assistant Executive Engineer,
SWD Dasarahalli Zone, BBMP.

Measurement recorded on 28/11/2018							
S.N	Description	Unit	No.	L	B	D	Qty
10	Providing and filling in foundation with Granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift complete as per specifications as directed by the Engineer in charge of the work. (SR2018-19 P7/2.15)						
	1390.00 to 1405.00		1	15.00	8.00	0.30	36.00
	1405.00 to 1420.00		1	15.00	8.00	0.30	36.00
Total							72.00



GRW/28/11/2018
Assistant Engineer,
SWD Dasarahalli Zone, BBMP.

[Signature]
Assistant Executive Engineer,
SWD Dasarahalli Zone, BBMP.

Measurement recorded on 28/11/2018							
S.N	Description	Unit	No.	L	B	D	Qty
12	KSRRB M2100-10 - Plain Cement Concrete M10 with OPC cement @ 220 kgs, with crushed 40mm and down size graded metal coarse aggregates @ 0.84 Cum and fine aggregates @ 0.56 Cum, in foundation mechanically mixed placed in foundation and compacted by vibration including curing for 14 days complete as per specifications MORTH Specification No.2100 all leads and lifts as directed by the Engineer in charge of the work. (SR2018-19 P222/27.18)						
	1390.00 to 1405.00		1	15.00	7.70	0.15	17.33
	1405.00 to 1420.00		1	15.00	7.70	0.15	17.33
Total							34.65



GRW/28/11/2018
Assistant Engineer,
SWD Dasarahalli Zone, BBMP.

[Signature]
Assistant Executive Engineer,
SWD Dasarahalli Zone, BBMP.

Name of Work		Construction of RCC culvert & U Shape drain for secondary SWD drainage										
BOQ-18		Supplying fitting and placing TMT bar reinforcement in sub-structure complete as per drawing and technical specifications complete as per specifications. TMT Bars Fe 500 all leads and lifts as directed by the Engineer in charge of the work.										
SL No.	DESCRIPTION	Shape of Bar	Dia of Bar (mm)	Spacing (M)	Nos	Cut Length in (M)	Total Length in (M)					
							10	12	16	20	25	32
	Ch :1390.00 to 1420.00m											
	U-shape											
	Length = 30.00											
	Raft Bottom Bar		16	0.20	1	153	1	8.30	1,269.90			
	Raft Top Bar		16	0.125	1	243	1	7.70	1,871.10			
	Distribution		10	0.20	2	39	1	30.00	2,340.00			
	Inner Wall		12	0.20	2	154	1	3.45	1,062.60			
	Outer Wall		12	0.20	2	153	1	5.15	1,575.90			
	Haunch		10	0.20	2	152	1	1.50	456.00			
	Distribution		10	0.20	4	16	1	30.00	1,920.00			
	Chairs		12		1	90	1	1.50		135.00		
	U Bar		12		2	30	1	1.00		60.00		
Total Length (Rmt)							4,716.00	2,833.50	3,141.00			
Unit weight of bar							0.617	0.888	1.567	2.469	3.850	6.310
Total quantity in KG							2,909.770	2,516.150	4,921.950			
Sub quantity							10.35 Tonne					

10351.57

[Signature]
Assistant Executive Engineer
BBMP- SWD, Dasarahalli Zone
Bengaluru

[Signature]
Assistant Engineer
BBMP- SWD, Dasarahalli Zone
Bengaluru

Executive Engineer (SWD)
BBMP- SWD, Dasarahalli Zone
Bengaluru



444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com
HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |

BRUHAT BENGALURU MAHANAGARA PALIKE

Name of the work :- Construction of RCC culvert & U Shape drain for secondary SWD drains near Divya engineering works at Kammagondanahalli in Ward No.12

Measurement recorded on 1/12/2018

S.N	Description	Unit	No.	L	B	D	Qty
13	KSRRB M 2100-17.2 : Plain/reinforcement Cement Concrete design mix M25 with OPC cement @340 kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70Cum and fine aggregates @0.47Cum with superplastisier @ 3lts conforming to IS9103-1999 Reaffirmed-2008, open foundation complete as per Drawing and Technical Specification with Batching plant, transit mixer and concrete pump. MORTH Specification No. 1500, 1700 & 2100 all leads and lifts as directed by the Engineer in charge of the work.		1	15.00	7.50	0.35	39.38
			1	15.00	7.50	0.35	39.38
						Total	78.75

[Signature]
 Assistant Engineer,
 PMC SWD Dasarahalli Zone, BBMP.

[Signature]
 Assistant Executive Engineer,
 SWD Dasarahalli Zone, BBMP.

**Executive Engineer (SWD),
 Dasarahalli Zone, BBMP**

Measurement recorded on 1/12/2018

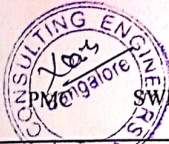
S.N	Description	Unit	No.	L	B	D	Qty
14	KSRRB M 2200-5.12 : Design mix M25 sub structure with OPC cement @340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70Cum and fine aggregates @0.47Cum with superplastisier @3lts conforming to IS9103-1999 Reaffirmed-2008 upto 5 Mtrs height all leads and lifts as directed by the Engineer in charge of the work.(SR2018-19P227/28.7.12)		2	15.00	0.30	2.75	24.75
			2	15.00	0.30	2.75	24.75
	Hanch		1	30.00	0.30	0.30	2.70
						Total	52.20

[Signature]
 Assistant Engineer,
 PMC SWD Dasarahalli Zone, BBMP.

[Signature]
 Assistant Executive Engineer,
 SWD Dasarahalli Zone, BBMP.

**Executive Engineer (SWD),
 Dasarahalli Zone, BBMP**

BRUHAT BENGALURU MAHANAGARA PALIKE									
Name of the work :- Construction of RCC culvert & U Shape drain for secondary SWD drains near Divya engineering works at Kammagondanahalli in Ward No.12									
Measurement recorded on 1/12/2018									
7	KSRRB M2100-2.1 Earth work in excavation for foundation of structures such as culverts, bridges etc., as per drawing and technical specifications, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material complete as per specifications in Ordinary soil - B. Mechanical Means (i) Depth upto 3m MORTH Specification No. 304 as directed by the Engineer in charge of the work.								
				Cum					
	14020.00 to 1435.00			1	15.00	8.90	1.73		230.96
	1435.00 to 1445.00			1	10.00	8.90	1.70		152.64
								Total	383.59



GR 1004/1/12/18
Assistant Engineer,
SWD Dasarahalli Zone, BBMP.

Assistant Executive Engineer,
SWD Dasarahalli Zone, BBMP.

Measurement recorded on 1/12/2018							
S.N	Description	Unit	No.	L	B	D	Qty
10	Providing and filling in foundation with Granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications as directed by the Engineer in charge of the work. (SR2018-19 P7/2.15)						
	1420.00 to 1435.00		1	15.00	8.00	0.30	36.00
	1435.00 to 1446.50		1	11.45	8.00	0.30	27.48
							Total 63.48



GR 1004/1/12/18
Assistant Engineer,
SWD Dasarahalli Zone, BBMP.

Assistant Executive Engineer,
SWD Dasarahalli Zone, BBMP.

Measurement recorded on 1/12/2018							
S.N	Description	Unit	No.	L	B	D	Qty
12	KSRRB M2100-10 - Plain Cement Concrete M10 with OPC cement @ 220 kgs. with crushed 40mm and down size graded metal coarse aggregates @ 0.84 Cum and fine aggregates @ 0.56 Cum, in foundation mechanically mixed placed in foundation and compacted by vibration including curing for 14 days complete as per specifications MORTH Specification No.2100 all leads and lifts as directed by the Engineer in charge of the work. (SR2018-19 P222/27.18)						
	1420.00 to 1435.00		1	15.00	7.70	0.15	17.33
	1435.00 to 1446.50		1	11.50	7.70	0.15	13.28
							Total 30.61



GR 1004/1/12/18
Assistant Engineer,
SWD Dasarahalli Zone, BBMP.

Assistant Executive Engineer,
SWD Dasarahalli Zone, BBMP.

BOQ-18		Supplying, fitting and placing TMT bar reinforcement in sub-structure complete as per drawing and technical specifications complete as per specifications. TMT Bars Fe 500 all leads and lifts as directed by the Engineer in charge of the work.											
Sl. No.	DESCRIPTION	Shape of Bar	Dia of Bar (mm)	Spacing (M)	Nos		Cut Length in (M)	Total Length in (M)					
								10	12	16	20	25	32
	Ch :1420.00 to 1446.50m												
	U-shape												
	Length = 26.50												
	Raft Bottom Bar		16	0.20	1	136	1	8.30	-	-	1,128.80	-	-
	Raft Top Bar		16	0.125	1	215	1	7.70	-	-	1,655.50	-	-
	Dirtribution		10	0.20	2	39	1	26.50	2,067.00	-	-	-	-
	Inner Wall		12	0.20	2	137	1	3.45	-	945.30	-	-	-
	Outer Wall		12	0.20	2	137	1	5.15	-	1,411.10	-	-	-
	Haunch		10	0.20	2	135	1	1.50	405.00	-	-	-	-
	Dirtribution		10	0.20	4	16	1	26.50	1,696.00	-	-	-	-
	Chairs		12		1	95	1	1.50	-	142.50	-	-	-
	U Bar		12		2	27	1	1.00	-	54.00	-	-	-
Total Length (Rmt)								4,168.00	2,552.90	2,784.30	-	-	-
Unit weight of bar								0.617	0.888	1.567	2.469	3.850	6.310
Total quantity in KG								2,571.660	2,266.980	4,363.000	-	-	-
Sub quantity								9201.64	9.20 Tonne				



3/12/18
Assistant Engineer
BBMP- SWD, Dasarahalli Zone
Bengaluru

Executive Engineer (SWD)
BBMP- SWD, Dasarahalli Zone
Bengaluru

Assistant Executive Engineer
BBMP- SWD, Dasarahalli Zone
Bengaluru

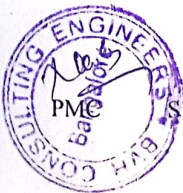
BRUHAT BENGALURU MAHANAGARA PALIKE							
Name of the work :- Construction of RCC culvert & U Shape drain for secondary SWD drains near Divya engineering works at Kammagondanahalli in Ward No.12							
Measurement recorded on 4/12/2018							
S.N	Description	Unit	No.	L	B	D	Qty
13	KSRRB M 2100-17.2 : Plain/reinforcement Cement Concrete design mix M25 with OPC cement @340 kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70Cum and fine aggregates @0.47Cum with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, open foundation complete as per Drawing and Technical Specification with Batching plant, transit mixer and concrete pump. MORTH Specification No. 1500, 1700 & 2100 all leads and lifts as directed by the Engineer in charge of the work.						
	1420.00 to 1435.00		1	15.00	7.50	0.35	39.38
	1435.00 to 1446.45		1	11.50	7.50	0.35	30.19
						Total	69.56
						Grand Total	385.91
	DEDUCT						
	Man Hole		3	1.5	0.12	0.35	0.189
	Recharging fits		12	0.7	0.7	0.35	2.058
	Total deduction						2.247



GA 4/12/18
Assistant Engineer,
SWD Dasarahalli Zone, BBMP.

[Signature]
Assistant Executive Engineer,
SWD Dasarahalli Zone, BBMP.

Measurement recorded on 4/12/2018							
S.N	Description	Unit	No.	L	B	D	Qty
14	KSRRB M 2200-5.12 : Design mix M25 sub structure with OPC cement @340kgs, with 20mm and down size graded granite metal coarse aggregates @0.7Cum and fine aggregates @0.47Cum with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 upto 5 mtrs. Upto 5 Mtrs height all leads and lifts as directed by the Engineer in charge of the work.(SR2018-19P227 /28.7.12)						
	1420.00 to 1435.00		2	15.00	0.30	2.75	24.75
	1435.00 to 1446.45		2	11.50	0.30	2.75	18.98
	Hanch		1	26.50	0.30	0.30	2.39
	Parapet		1	6.3	0.50	0.60	1.89
	Sub drain		2	11.45	0.25	1.20	6.87
						Total	54.87
	DEDUCT						
	Openings		1	0.8	0.75	0.3	0.18
			1	1.2	1.2	0.3	0.432
			1	1.8	1.5	0.3	0.81
	Total deduction						1.422
						Qty	53.45



GA 4/12/18
Assistant Engineer,
SWD Dasarahalli Zone, BBMP.

[Signature]
Assistant Executive Engineer,
SWD Dasarahalli Zone, BBMP.